WHAT IS CLAIMED IS:

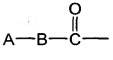
1. A thermoplastic elastomer composition comprising:

a thermoplastic elastomer having a carbonyl-containing group and a nitrogen-containing heterocycle in a side chain thereof; and

a compound containing a metal element belonging to Group 1 of the periodic table.

2. The thermoplastic elastomer composition according to claim 1, wherein

the side chain has a structure represented by the following formula (1):



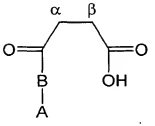
(1)

(wherein A represents the nitrogen-containing heterocycle, and B represents: a single bond; an oxygen atom, a nitrogen atom, or a sulfur atom; or an organic group which can include the atoms).

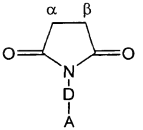
3. The thermoplastic elastomer composition according to claim 1, wherein

the side chain has a structure represented by one of the following formulae (2) and (3) and is bonded to a main

chain at α-position or β-position:



(2)



(3)

(wherein A represents the nitrogen-containing heterocycle, and B and D independently represent: a single bond; an oxygen atom, a nitrogen atom, or a sulfur atom; or an organic group which can include the atoms).

4. The thermoplastic elastomer composition according to claim 1, wherein

the metal element belonging to Group 1 of the periodic table, which is contained in the compound is selected from the group consisting of Li, Na, and K.

5. The thermoplastic elastomer composition according to claim 2, wherein

the metal element belonging to Group 1 of the periodic table, which is contained in the compound is selected from the group consisting of Li, Na, and K.

6. The thermoplastic elastomer composition according to

claim 3, wherein

the metal element belonging to Group 1 of the periodic table, which is contained in the compound is selected from the group consisting of Li, Na, and K.

7. The thermoplastic elastomer composition according to claim 1, wherein

the nitrogen-containing heterocycle is selected from the group consisting of a triazole ring, a thiadiazole ring, a pyridine ring, and imidazole ring.

8. The thermoplastic elastomer composition according to claim 2, wherein

the nitrogen-containing heterocycle is selected from the group consisting of a triazole ring, a thiadiazole ring, a pyridine ring, and imidazole ring.

9. The thermoplastic elastomer composition according to claim 3, wherein

the nitrogen-containing heterocycle is selected from the group consisting of a triazole ring, a thiadiazole ring, a pyridine ring, and imidazole ring.

10. The thermoplastic elastomer composition according to

claim 4, wherein

the nitrogen-containing heterocycle is selected from the group consisting of a triazole ring, a thiadiazole ring, a pyridine ring, and imidazole ring.

11. The thermoplastic elastomer composition according to claim 5, wherein

the nitrogen-containing heterocycle is selected from the group consisting of a triazole ring, a thiadiazole ring, a pyridine ring, and imidazole ring.

12. The thermoplastic elastomer composition according to claim 6, wherein

the nitrogen-containing heterocycle is selected from the group consisting of a triazole ring, a thiadiazole ring, a pyridine ring, and imidazole ring.

13. The thermoplastic elastomer composition according to claim 1, further comprising:

at least one of carbon black and silica in 1 to 200 parts by weight with respect to 100 parts by weight of the thermoplastic elastomer.

14. The thermoplastic elastomer composition according to

claim 2, further comprising:

at least one of carbon black and silica in 1 to 200 parts by weight with respect to 100 parts by weight of the thermoplastic elastomer.

15. The thermoplastic elastomer composition according to claim 3, further comprising:

at least one of carbon black and silica in 1 to 200 parts by weight with respect to 100 parts by weight of the thermoplastic elastomer.

16. The thermoplastic elastomer composition according to claim 4, further comprising:

at least one of carbon black and silica in 1 to 200 parts by weight with respect to 100 parts by weight of the thermoplastic elastomer.

17. The thermoplastic elastomer composition according to claim 5, further comprising:

at least one of carbon black and silica in 1 to 200 parts by weight with respect to 100 parts by weight of the thermoplastic elastomer.

18. The thermoplastic elastomer composition according to

claim 6, further comprising:

at least one of carbon black and silica in 1 to 200 parts by weight with respect to 100 parts by weight of the thermoplastic elastomer.

19. The thermoplastic elastomer composition according to claim 7, further comprising:

at least one of carbon black and silica in 1 to 200 parts by weight with respect to 100 parts by weight of the thermoplastic elastomer.

20. The thermoplastic elastomer composition according to claim 8, further comprising:

at least one of carbon black and silica in 1 to 200 parts by weight with respect to 100 parts by weight of the thermoplastic elastomer.